Review for Post-Test on Cell Processes

1. What are the three types of passive transport?
2. In active transport the particles move from \_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_ concentration.
3. Peripheral proteins are found where in/on the cell membrane?
4. What is another name for lipids?
5. Transpiration is the process where the \_\_\_\_\_\_ of water vapor through stomata of a leaf occurs.
6. Fermentation is a form of respiration that converts \_\_\_\_\_\_ from \_\_\_\_\_\_ when oxygen is insufficient.
7. Organisms such as plants are called “Producers” because they use what to produce energy rich sugar molecules?
8. A tertiary consumer eats what?
9. Genetically Modified Crops are crops in which desired DNA from one organism has been \_\_\_\_\_\_ into the crop to \_\_\_\_\_\_.
10. What is Precision Farming?
11. The movement of water across the cell membrane is called what?
12. What are carbohydrates made up of?
13. The process where organisms break down food to release energy is called what?
14. What describes how carbon molecules move between living and non-living world?
15. Name the three forms of biomass and give an example of each.
16. When a cell has more water inside the cell than outside it is called a(n) \_\_\_\_\_\_\_\_\_\_ cell.
17. There are \_\_\_\_ type(s) of proteins are there in the cell membrane.
18. \_\_\_\_\_\_ is the process where plants use light energy to produce food.
19. Decomposers are known for \_\_\_\_\_\_ the system because they return essential molecules to the producers.
20. Plant Biotechnology usually means to take a desired trait from a \_\_\_\_\_\_ plant and move it to a domestic plant.